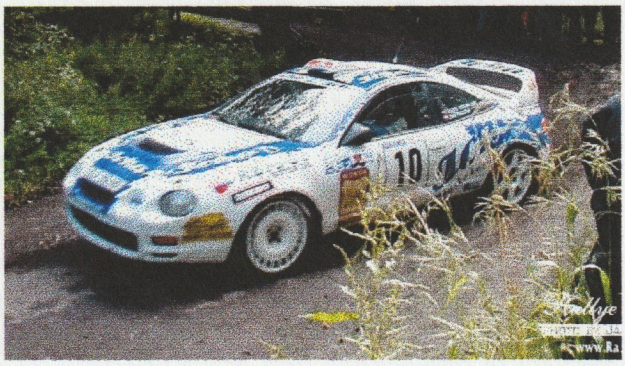



# 2001 SCCA National Licensing School

## August 3, 2001

**National Pro-Rally School, in support of the SCCA National Pro-Rally Series.**

**A) Purpose:**

**The purpose of the Basic NPR licensing school is to prepare the competitor with general information on the ways to get there, get it done, and how to complete a National Pro Rally. We will cover rules; conduct, behavior, safety and common sense that will help each team achieve their goal of finishing and perhaps eventually winning a National Pro Rally.**

**So you're going to Rally. We won't bore you with the History of Rally. There is some significance in learning about the roots of Rally. Take time to Learn about some of the earlier years to give yourself a sense of where this sport was and where it is headed.**

**This Class will be filled with more technical and practical advice than can ever be written down. There is plenty of space within this workbook to enable you to write down notes, Lots of notes. We have teachers here who have been involved with Rally for at least 20 years. Please do not hesitate to ask questions so that every aspect of your racing endeavor can be satisfied.**

**B) General Course Conduct and Content**

**1) Instruction Classroom**

**a) So you're going to Rally?**

**b) Marketing and Sponsorships**

**Club License has value, especially in Norpac**

**1) Cash**

**2) Product**

c) Car Preparation
   1) Class rules (pg 91 art. 10)

   2) Car/Safety Rules(pg 31 art.5)

   3) Common Sense approach to building your car
      a) Cage

      b) Suspension

      c) Lighting
         1) Where and how many

         2) Use of Dimming switch

      d) Underprotection

      e) Engine

   4) "Speed costs Money, How fast do you want to go?"

d) Team Preparation
   1) Entry Forms

   2) Licensing

   3) Insurance

   4) Crew Chief

   5) Service Vehicle

e) Personal Preparation
   1) Personal Equipment
      a) Helmet
      b) Suit
      c) Gloves
      d) Neck brace
   2) Personal Fitness
      a) Fight Fatigue

   3) Mental Preparation
   Inner Speed Secrets : Race Driving Skills, Techniques, and Strategies
   by Ross Bentley, Ronn Langford

f) **Event Preparation ("Those who want to win on Sunday, Win on Monday")**

1) **Supplemental Regulations**

2) **Plan Ahead (tyres)**

3) **Room reservations**

4) **What to Bring**

g) Registration
   1) Documentation needed
      a) Drivers License
      b) Competition License
      c) Rally Car Registration
      d) Service Veh Registration for every car being used
      e) Insurance Declarations Page for all cars
      f) Insurance card showing above is current

   2) When and Where

   3) Who to ask questions of

h) Scrutineering
   1) What are these guys looking for?

   2) How to prepare

   3) How to resolve conflict

i) **Route Book**

1) **How Important is it**

2) **What does it tell you**

3) **How to use it effectively**

j) **Parc Ferme/ Parc Expose**

1) **What is it and its importance**

k) Controls
   1) MTC (Main Time Control)

   2) ATC (Arrival Time Control)

   3) Start Flag

   4) End of Control

   5) Flying Finish

   5) Stop Control

   6) 'O' Control ( Observation Control)
      a) Rally Car and Service Vehicle

l) The Transit
   1) What is important

   2) Speeding

   3) Guestimating the time, speed needed vs. distance

m) THE STAGE!!!

1) You got there, Now what, Or you didn't find it!

2) How to swap places between competitors

3) Speed and Communication
   a) What does the driver need to hear

   b) What does the driver hear

   c) When are you going too fast?

4) When and how to stop on a stage
   a) Force Majure

   b) Stage Blockage

   c) Damn Mother Nature

5) **Oops You Went OFF!**
   a) **Are you hurt?**

   b) **OK/RED CROSS sign**

   c) **Triangles**

6) **Coming across an accident**
   a) **First car on scene**

   b) **Second Car on scene**

   c) **First Aide/ CPR**

7) **Competitor responsibilities while on the Stage**

8) **Stage is Thrown, What now?**
   a) **Rule Book directions (2 min per missing control onto bogey time)**

   b) **Organizer instruction**

9) **Stage is over, what next?**
   a) **BREATHE!**
   b) **How far and how long to next stage**

   c) **Document stage times**

   d) **Any problems with the Car?**

n) **Service**
   1) **What you can or can't do**

   2) **Where and When**

   3) **How**

   4) **Conduct**

o) **After the Final Control**
   1) **Impound**

   2) **Scoring**

   3) **Inquiries**

   4) **Protests**

## 2) Actual walk through of a two stage Rally

p) Season Management

1) What are your goals?
2) Points Calculation

q) Licensing requirements (the paperwork)

E) Common Sense, or Pearls of Wisdom

Q & A.

CAR NO.

# WILD WEST
# Michelin SCCA ProRally

**ATC #9 - Lester II**

IDEAL TIME — HRS | MIN

FINISH TIME — HRS | MIN | SEC

ACTUAL TIME — HRS | MIN

STAGE TIME — MIN | SEC

**ATC #10 - Travaglione II**

**IDEAL TIME**

**70**

MIN

**ROAD PENALTY**

MINUTES

HRS | MIN

ACTUAL TIME

| SSS | STOP | ATC |
|---|---|---|
| | | |

CAR NO.

WILD WEST
Michelin SCCA ProRally

**ATC #15 -ORV Park II**

IDEAL TIME — HRS | MIN

FINISH TIME — HRS | MIN | SEC

ACTUAL TIME — HRS | MIN

STAGE TIME — MIN | SEC

**ATC #16 - Patty Case Pass II**

**IDEAL TIME**

**20**

MIN

**ROAD PENALTY**

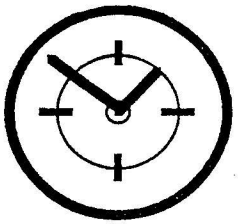
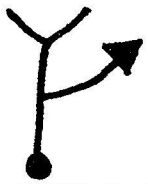
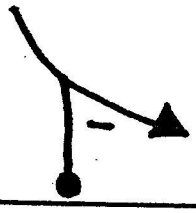
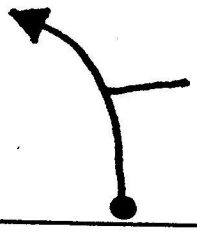
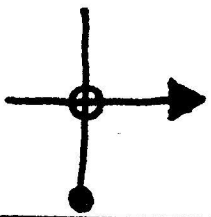
MINUTES

HRS | MIN

ACTUAL TIME

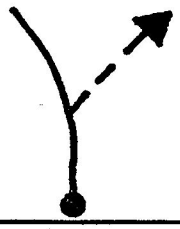
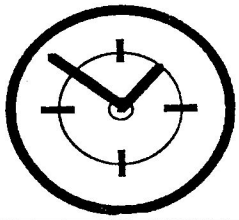
| SSS | STOP | ATC |
|---|---|---|
| | | |

| FROM: BROCKWAY II | DISTANCE: 24.66 | PAGE |
|---|---|---|
| TO: DELAWARE II | TIME: 1:15 | 67 |

| REF | OVERALL | INTERVAL | TULIP | INFORMATION | DECR MILES |
|---|---|---|---|---|---|
| 1 | 3.84 | 0.00 |  | FTC 14 | 24.66 |
| 2 | 3.86 | 0.02 |  | | 24.64 |
| 3 | 8.81 | 4.95 |  | STOP | 19.69 |
| 4 | 17.75 | 8.94 |  | ! RALLY TRAFFIC | 10.75 |
| 5 | 17.88 | 0.13 | | "COPPER HARBOR"<br>BEGIN SERVICE<br>AREA 30 MINUTES | 10.62 |
| | 18.19 | 0.31 |  | Service<br>ONTO US-41S<br>TRANSIT time 23 | 10.31 |

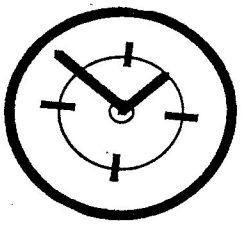
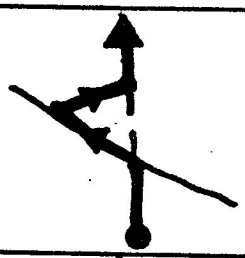
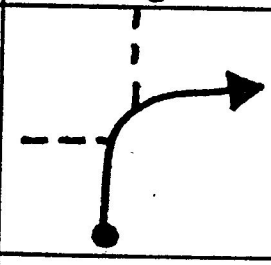
| TO NEXT INST. 7.25 | LAKE SUPERIOR REGION OF S.C.C.A |
|---|---|

| FROM: BROCKWAY II | DISTANCE: 24.66 | PAGE |
|---|---|---|
| TO: DELAWARE II | TIME: 1:15 | 68 |

| REF | OVERALL | INTERVAL | TULIP | INFORMATION | DECR MILES |
|---|---|---|---|---|---|
| 1 | 25.44 | 7.25 | | "MANDAN" | 3.06 |
| 2 | 28.46 | 3.02 |  | | 0.04 |
| 3 | 28.50 | 0.04 |  | 2:22 ATC 15 | 0.00 |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |

| DIST. TO NEXT INST.: | LAKE SUPERIOR REGION OF S.C.C.A |
|---|---|

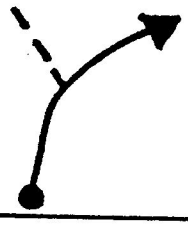
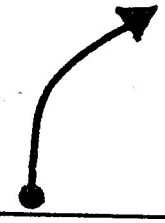
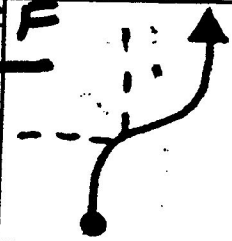
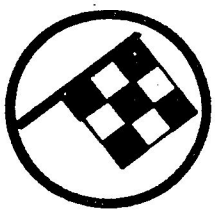
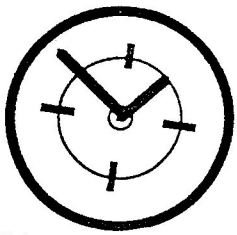
| STAGE #15 | DISTANCE: 4.35 | PAGE |
|---|---|---|
| DELAWARE II | BOGEY: 6 | 69 |

| REF | OVERALL | INTERVAL | TULIP | INFORMATION | DECR MILES |
|---|---|---|---|---|---|
| 1 | 0.00 | 0.00 |  | ATC 15 | 4.35 |
| 2 | 0.03 | 0.03 | | START | 4.32 |
| 3 | 0.88 | 0.85 | | OVERCREST | 3.47 |
| 4 | 0.99 | 0.11 |  | !! overcrest LONG WAY THROUGH SPECTATORS MEDICAL STOPPING PLACE | 3.36 |
| 5 | 1.67 | 0.68 |  | | 2.68 |
| 6 | 2.21 | 0.54 | | OVERCREST | 2.14 |

ST TO NEXT INST. 0.12 | LAKE SUPERIOR REGION OF S.C.C.A

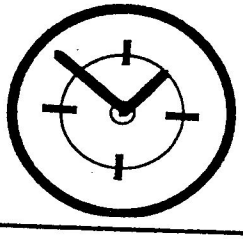
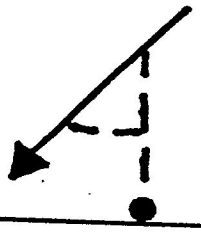
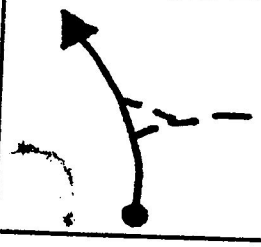
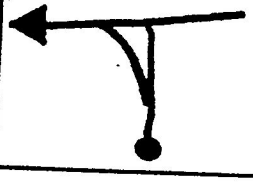
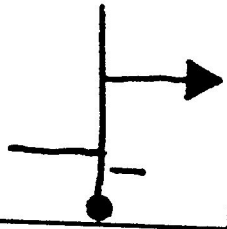
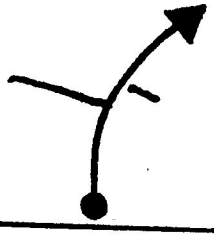
R OVER CREST

| STAGE #15 | DISTANCE: 4.35 | PAGE |
|---|---|---|
| DELAWARE II | BOGEY: 6 | 70 |

| REF | OVERALL | INTERVAL | TULIP | INFORMATION | DECR MILES |
|---|---|---|---|---|---|
| 1 | 2.33 | 0.12 |  | OVERCREST | 2.02 |
| 2 | 2.74 | 0.41 |  | OFF CAMBER | 1.61 |
| 3 | 3.05 | 0.31 | | OVERCREST | 1.30 |
| 4 | 3.34 CAR OFF<br>3.37 | 0.32 |  | ! | 0.98 |
| 5 | 4.24<br>~~4.25~~ | 0.98 |  | Down hill<br>FINISH<br>to control | 0.00 |
| 6 | 4.65 | 0.30 |  | FTC 15 | |

| DIST. TO NEXT INST.: | LAKE SUPERIOR REGION OF S.C.C.A |
|---|---|

| FROM: DELAWARE II | DISTANCE: 10.80 | PAGE |
|---|---|---|
| TO: GRATIOT LAKE II | TIME: 20 | 71 |

| REF | OVERALL | INTERVAL | TULIP | INFORMATION | DECR MILES |
|---|---|---|---|---|---|
| 1 | 4.65 | 0.00 |  | FTC 15 | 10.80 |
| 2 | 4.66 | 0.01 |  | | 10.79 |
| 3 | 8.32 | 3.66 |  | | 7.13 |
| 4 | 9.20 | 0.88 |  | ONTO US-41N | 6.25 |
| 5 | 10.52 | 1.32 |  | "GRATIOT LAKE RD" (MILEAGE AT TURN) | 4.93 |
| 6 | 15.15 | 4.63 |  | "DEAD END" | 0.30 |

| DIST TO NEXT INST. 0.18 | LAKE SUPERIOR REGION OF S.C.C.A |
|---|---|

# PRO Rally

## TECHNICAL & SAFETY INSPECTION FORM

Event_____ Car #_____ Class_____
Driver_____ Co-Driver_____
Car Make and Model_____ Tires_____
Scrutineer Signature_____ Date_____
Approval Sticker Issued_____ Date_____

| | Approval | Rejection |
|---|---|---|
| Homologation Papers (Group A) | ____ | ____ |
| Front End | | |
| Headlights | ____ | ____ |
| Driving Lights | ____ | ____ |
| Directional Signal | ____ | ____ |
| Parking Lights | ____ | ____ |
| Horn | ____ | ____ |
| Windshield Wipers | ____ | ____ |
| Windshield Washers | ____ | ____ |
| Rear End | | |
| Tail Lights | ____ | ____ |
| Brake Lights | ____ | ____ |
| License Light | ____ | ____ |
| Directional Signals | ____ | ____ |
| Back-up Lights | ____ | ____ |
| Trunk | | |
| Fuel tank/cell | ____ | ____ |
| Bulkhead | ____ | ____ |
| Fuel lines & pumps | ____ | ____ |
| Battery | ____ | ____ |
| Tow rope | ____ | ____ |
| Spares Secure | ____ | ____ |
| Engine Compartment | | |
| Clean & neat | ____ | ____ |
| Brake fluid level | ____ | ____ |
| Fuel & oil lines | ____ | ____ |
| Wiring | ____ | ____ |
| Battery | ____ | ____ |
| Fluid leaks | ____ | ____ |
| Camera Mounts | ____ | ____ |
| Exterior | | |
| Windshield / Windows | ____ | ____ |
| Mud flaps | | |
| Neat & clean | ____ | ____ |

| | Approval | Rejection |
|---|---|---|
| SCCA Decals | | |
| Numbers & class | ____ | ____ |
| Door panel | ____ | ____ |
| Event Sponsor ID | ____ | ____ |
| Interior & Safety Equipment | | |
| Restraint System | ____ | ____ |
| Seats secure | ____ | ____ |
| Service Brakes | ____ | ____ |
| Parking Brakes | ____ | ____ |
| Roll cage & padding | ____ | ____ |
| Fuel lines & pumps covered) | ____ | ____ |
| Battery (in box) | ____ | ____ |
| Fire extinguishers | ____ | ____ |
| First Aid Kit | ____ | ____ |
| D.O.T. Triangles (3) | ____ | ____ |
| Spares Secure | ____ | ____ |
| Rear View Mirror | ____ | ____ |
| Helmets, medical info. | ____ | ____ |
| Suspension & running gear | | |
| Steering linkage | ____ | ____ |
| Front suspension & shocks | ____ | ____ |
| Wheel Bearings | ____ | ____ |
| Brakes & hoses | ____ | ____ |
| Wheels & tires | ____ | ____ |
| Exhaust secure | ____ | ____ |
| Exhaust Noise Level | ____ | ____ |

DBA_____ Approved by_____

3/3/97

# SCCA® Incident Report Form

Sports Car Club of America


**MAIL TO:** SCCA RISK MANAGEMENT
9033 E. Easter Place, Englewood, CO 80112
Phone: (303) 694-7222/Fax: (303) 694-7391


*All areas must be filled out completely*

**Date of Incident** _____ **Time** _____

**Region** _____ **Sanction #** _____

**Track Name** _____

**Location of Incident** (check one):

☐ Track ☐ Paddock ☐ Pits ☐ Grid ☐ Stands ☐ Other_____

**Type of Event (check one):** ☐ Road Rally ☐ Divisional PRO Rally ☐ National PRO Rally
☐ Solo I ☐ Solo Trials ☐ Hill Climb ☐ Drivers' School ☐ Regional ☐ National
☐ Mini GP ☐ Pro Race ☐ Solo II ☐ ProSolo2 ☐ Other_____

## SECTION 1. INCIDENTS INVOLVING COMPETITION VEHICLES

**First Car**

**Car #** _____ **Class** _____ **Make** _____

**Driver Name** _____

**Address** _____

**City** **State** **Zip**

**Telephone** (Day) (____) _____ (Eve) (____) _____

**Treated by Event Medical?** ☐ Yes ☐ No Returned to Event? ☐ Yes ☐ No

**Injuries:** ☐ Head ☐ Neck ☐ Back ☐ Arms ☐ Legs ☐ Other_____
☐ Laceration ☐ Contusion ☐ Break ☐ Burn ☐ Amputation ☐ Fatality ☐ Other_____

**Sent to Hospital?** ☐ Yes ☐ No (If yes, please submit Release & Waiver with this report.)

**Second Car**

**Car #** _____ **Class** _____ **Make** _____

**Driver Name** _____

**Address** _____

**City** **State** **Zip**

**Telephone** (Day) (____) _____ (Eve) (____) _____

**Treated by Event Medical?** ☐ Yes ☐ No Returned to Event? ☐ Yes ☐ No

**Injuries:** ☐ Head ☐ Neck ☐ Back ☐ Arms ☐ Legs ☐ Other_____
☐ Laceration ☐ Contusion ☐ Break ☐ Burn ☐ Amputation ☐ Fatality ☐ Other_____

**Sent to Hospital?** ☐ Yes ☐ No (If yes, please submit Release & Waiver with this report.)

## SECTION 2. INCIDENTS INVOLVING (CHECK ONE);

☐ Crew ☐ Official ☐ Spectator ☐ Passenger ☐ Worker ☐ Other_____

**Name** _____

**Address** _____

City State Zip

**Telephone** (Day) (____) _____ (Eve) (____) _____

**Treated by Event Medical?** ☐ Yes ☐ No Minor? ☐ Yes ☐ No

**Injuries:** ☐ Head ☐ Neck ☐ Back ☐ Arms ☐ Legs ☐ Other_____
☐ Laceration ☐ Contusion ☐ Break ☐ Burn ☐ Amputation ☐ Fatality ☐ Other_____

**Sent to Hospital?** ☐ Yes ☐ No (If yes, please submit Release & Waiver with this report.)

## SECTION 3. PROPERTY DAMAGE

**Owner Name** _____

**Address** _____

**City** **State** **Zip**

**Telephone** (Day) (____) _____ (Eve) _____

**Property Description** _____

**Damage and Disposition** _____

## SECTION 4. DESCRIPTION OF INCIDENT

**Type of Incident:** (Check all that apply)

☐ Vehicle to Vehicle ☐ Trip/Fall
☐ Vehicle to Object ☐ Course Worker Injury
☐ Vehicle to Person ☐ Mechanical Failure
☐ Spin ☐ Pushing/Loading Vehicle
☐ Roll ☐ Other_____

**Details of Incident:** (Use additional sheet of paper if necessary)

**Possible Cause of Incident:** (Check all that apply)

☐ Driver Error ☐ Course Design
☐ Mechanical Failure ☐ Other_____

**Course Conditions:**

☐ Dry ☐ Wet ☐ Muddy
☐ Oil ☐ Gravel
☐ Other_____

**Course Situation:**

☐ Green Flag ☐ Yellow (stationary)
☐ Yellow/White ☐ Yellow (waving)
☐ Oil ☐ Other_____

**Emergency Equipment Used?** ☐ Yes ☐ No (If yes, check all that apply.)

☐ Ambulance ☐ Helicopter ☐ Fire Bottle
☐ Rescue Tools ☐ Wrecker ☐ Tow Vehicle
☐ Fire Truck ☐ Back-up Ambulance

## SECTION 5. OBSERVED/SUBMITTED BY:

**Observed By** _____ ☐ **Status** _____

**Submitted By** _____ ☐ **Safety Steward?**

**Address** _____

**City** **State** **Zip**

**Telephone** (Day) (____) _____ (Eve) _____

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